Supplementary Material

The influence of facial signals on the automatic imitation of hand actions

Emily E. Butler, Robert Ward & Richard Ramsey

Wales Institute for Cognitive Neuroscience, School of Psychology, Bangor University, Adeilad Brigantia, Penrallt road, Bangor, Gwynedd, LL57 2AS Wales

Corresponding authors:

Emily Butler & Richard Ramsey

Wales Institute for Cognitive Neuroscience, School of Psychology, Bangor University, Adeilad Brigantia, Bangor, Gwynedd, LL57 2AS Wales

Supplementary Table 1 – Mean and standard error across Experiments 1 to 4

	Experiment 1							
	Happy		**Angry**		**Neutral**			
	Mean	*SEM*	*Mean*	*Mean*	*SEM*	*Mean*		
CE	85.55	8.49	93.51	85.55	8.49	93.51		
Congruent	495.30	13.16	482.14	495.30	13.16	482.14		
Incongruent	580.86	15.20	575.65	580.86	15.20	575.65		
	Experiment 2							
	Happy		**Angry**		**Neutral**		**Salient Neutral**	
	Mean	*SEM*	*Mean*	*SEM*	*Mean*	*SEM*	*Mean*	*SEM*
CE	122.35	11.65	102.18	10.54	122.35	11.65	102.18	10.54
Congruent	483.69	12.59	489.13	12.26	483.69	12.59	489.13	12.26
Incongruent	606.03	20.50	591.32	18.03	606.03	20.50	591.32	18.03
	Experiment 3							
	High Agreeable		**Low Agreeable**		**Neutral**			
	Mean	*SEM*	*Mean*	*Mean*	*SEM*	*Mean*		
CE	116.99	8.99	104.36	116.99	8.99	104.36		
Congruent	495.83	14.85	506.44	495.83	14.85	506.44		
Incongruent	612.82	16.73	610.80	612.82	16.73	610.80		
	Experiment 4							

	High Agreeable		Low Agreeable					
	Mean	*SEM*	*Mean*	*SEM*				
CE	82.55	6.89	82.55	6.89				
Congruent	518.41	12.52	518.41	12.52				
Incongruent	600.96	15.62	600.96	15.62				

Supplementary Table 2 - Results from Rauchbauer et al. (2016)

Study / Sample size / Manipulation	Contrast	Mean difference (ms)		95% Confidence intervals	Cohen's d_z	Bayes factor BF_{01}
Rauchbauer et al., (2016)	Happy > Angry					
Exp. 1 N = 62		CE	3.29	[-3.91, 10.48]	0.12	4.83
		Congruent	1.26	[-3.14, 5.65]	0.07	6.15
		Incongruent	4.55	[-1.10, 10.19]	0.2	2.13
Exp. 2 N = 61		CE	-4.55	[-11.33, 2.23]	-0.17	3.05
		Congruent	1.71	[-1.96, 5.38]	0.12	4.73
		Incongruent	-2.84	[-8.25, 2.57]	-0.13	4.22
Exp. 3 N = 58		CE	1.18	[-6.57, 8.94]	0.04	6.66
		Congruent	4.15	[-3.73, 12.02]	0.14	4.11
		Incongruent	5.33	[-2.17, 12.83]	0.19	2.69